

T.D

#3 MP\$

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/055,820	
	Filing Date	01/23/2002	
	First Named Inventor	Richmond, Michael A.	
	Group Art Unit	1733	
	Examiner Name		
Total Number of Pages in This Submission	14	Attorney Docket Number	M-110

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	(1) Certificate of Mailing
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	(2) Return Receipt Postcard
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input checked="" type="checkbox"/> Response to Missing Parts/ Incomplete Application	Remarks	
<input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Jeffrey R. Ramberg Reg. No. 34,700
Signature	
Date	05/21/2002

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: 05/21/2002			
Typed or printed name	Jeffrey R. Ramberg		
Signature		Date	05/21/2002

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

w



Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Patent fees are subject to annual revision.

Complete if Known

Application Number	10/055,820
Filing Date	01/23/2002
First Named Inventor	Richmond, Michael A.
Examiner Name	
Group Art Unit	1733
Attorney Docket No.	M-110

TOTAL AMOUNT OF PAYMENT	(\$)	729.00
--------------------------------	-------------	---------------

METHOD OF PAYMENT

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

50-1020

Jeffrey R. Ramberg, Esq.

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
- ☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☒ **Payment Enclosed:**

☐ Check ☒ Credit card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

	Large Entity	Small Entity
1. Revenue Recognition	Revenue is recognized when the performance obligation is satisfied, which is when control of the goods or services is transferred to the customer.	Revenue is recognized when the performance obligation is satisfied, which is when control of the goods or services is transferred to the customer.
2. Cost of Sales	Cost of sales is recognized when the revenue is recognized, and it is measured at the cost incurred to produce the goods or services.	Cost of sales is recognized when the revenue is recognized, and it is measured at the cost incurred to produce the goods or services.
3. Impairment of Financial Assets	Impairment of financial assets is recognized when there is a significant increase in the credit risk of the asset, and the impairment is measured at the difference between the carrying amount and the present value of the expected cash flows.	Impairment of financial assets is recognized when there is a significant increase in the credit risk of the asset, and the impairment is measured at the difference between the carrying amount and the present value of the expected cash flows.
4. Impairment of Non-Financial Assets	Impairment of non-financial assets is recognized when the carrying amount of the asset exceeds its recoverable amount, and the impairment is measured at the difference between the carrying amount and the recoverable amount.	Impairment of non-financial assets is recognized when the carrying amount of the asset exceeds its recoverable amount, and the impairment is measured at the difference between the carrying amount and the recoverable amount.
5. Provisions	Provisions are recognized when there is a present obligation as a result of a past event, and the obligation is measured at the best estimate of the amount required to settle the obligation.	Provisions are recognized when there is a present obligation as a result of a past event, and the obligation is measured at the best estimate of the amount required to settle the obligation.
6. Financial Instruments	Financial instruments are recognized when they are acquired or issued, and they are measured at fair value.	Financial instruments are recognized when they are acquired or issued, and they are measured at fair value.
7. Share-based Payments	Share-based payments are recognized when the entity grants or issues shares or options, and they are measured at the fair value of the shares or options.	Share-based payments are recognized when the entity grants or issues shares or options, and they are measured at the fair value of the shares or options.
8. Leases	Leases are recognized when the entity enters into a lease agreement, and they are measured at the present value of the lease payments.	Leases are recognized when the entity enters into a lease agreement, and they are measured at the present value of the lease payments.
9. Intangible Assets	Intangible assets are recognized when they are acquired or developed, and they are measured at cost.	Intangible assets are recognized when they are acquired or developed, and they are measured at cost.
10. Provisions for Contingent Liabilities	Provisions for contingent liabilities are recognized when there is a present obligation as a result of a past event, and the obligation is measured at the best estimate of the amount required to settle the obligation.	Provisions for contingent liabilities are recognized when there is a present obligation as a result of a past event, and the obligation is measured at the best estimate of the amount required to settle the obligation.

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
--------------	--------------	----------	----------	----------	----------	-----------------

Fee Paid

101	740	201	370	Utility filing fee	370.00
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

SUBTOTAL (1)	(\$) 370.00
---------------------	--------------------

2. EXTRA CLAIM FEES

		Extra Claims		Fee from below	Fee Paid
Total Claims	34	-20** =	14	9.00	126.00
Independent Claims	7	-3** =	4	42.00	168.00
Multiple Dependent				0.00	0.00

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)
-------------	-------------	-------------	-------------

Fee Description

103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)	(\$) 294.00
---------------------	--------------------

****or number previously paid, if greater; For Reissues, see above**

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65 Surcharge - late filing fee or oath	65.00
127	50	227	25 Surcharge - late provisional filing fee or cover sheet	
139	130	139	130 Non-English specification	
147	2,520	147	2,520 For filing a request for <i>ex parte</i> reexamination	
112	920*	112	920* Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840* Requesting publication of SIR after Examiner action	
115	110	215	55 Extension for reply within first month	
116	400	216	200 Extension for reply within second month	
117	920	217	460 Extension for reply within third month	
118	1,440	218	720 Extension for reply within fourth month	
128	1,960	228	980 Extension for reply within fifth month	
119	320	219	160 Notice of Appeal	
120	320	220	160 Filing a brief in support of an appeal	
121	280	221	140 Request for oral hearing	
138	1,510	138	1,510 Petition to institute a public use proceeding	
140	110	240	55 Petition to revive - unavoidable	
141	1,280	241	640 Petition to revive - unintentional	
142	1,280	242	640 Utility issue fee (or reissue)	
143	460	243	230 Design issue fee	
144	620	244	310 Plant issue fee	
122	130	122	130 Petitions to the Commissioner	
123	50	123	50 Processing fee under 37 CFR 1.17(q)	
126	180	126	180 Submission of Information Disclosure Stmt	
581	40	581	40 Recording each patent assignment per property (times number of properties)	
146	740	246	370 Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370 For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370 Request for Continued Examination (RCE)	
169	900	169	900 Request for expedited examination of a design application	

Other fee (specify)

SUBTOTAL (3)	(\$)	65.00
---------------------	-------------	--------------

SUBMITTED BY

Name (Print/Type)

Jeffrey R. Ramberg

Registration No.
(Attorney/Agent)

34,700

Complete (if applicable)

Telephone	(302) 454-8600 ext. 319
-----------	-------------------------

Signature

Jeffrey R Rumburg

Date _____

05/21/2002

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Richmond, Michael A. et al.
Serial No.: 10/055,820 Group Art Unit: 1733
Filing Date: January 23, 2002 Attorney Docket No.: M-110
Title: Composite Bonded Structures, and
 Methods for Making Same

Certificate of Mailing Under 37 CFR 1.8

I hereby certify that the following correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Assistant Commissioner for Patents Washington, D.C. 20231

on May 21, 2002:
 Date

Notice to File Missing Parts of Non-provisional Application

Declaration

Power of Attorney (5 sheets)

Preliminary Amendment

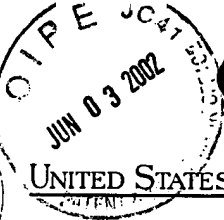
Transmittal

Fee Transmittal, incl. Form PTO-2038

Return Receipt Postcard


Signature

Jeffrey R. Ramberg
Typed or printed name of person signing Certificate



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/055,820	01/23/2002	Michael A. Richmond	M-110

CONFIRMATION NO. 9525

FORMALITIES LETTER



OC000000007692675

Jeffrey R. Ramberg
M Cubed Technologies, Inc.
One Tralee Industrial Park
Newark, DE 19711

Date Mailed: 03/21/2002

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 370 to complete the basic filing fee for a small entity.
- Total additional claim fee(s) for this application is \$294.
 - \$126 for 14 total claims over 20.
 - \$168 for 4 independent claims over 3 .
- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 729.

*A copy of this notice **MUST** be returned with the reply.*

Arida Gorton

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

06/05/2002 ZJUHR1 00000046 10055820
01 FC:201 370.00 OP
02 FC:202 168.00 OP
03 FC:203 126.00 OP
04 FC:205 65.00 OP